

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012721\
 Data File : VW020171.D
 Acq On : 26 Jan 2021 14:35
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005162

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:58:03 AM

Quant Time: Jan 27 06:58:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 06:49:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	994025	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	831050	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	497162	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	33091	5.01	ug/L	0.00
7) Chloroethane-d5	1.569	69	26264	4.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.113	63	55292	5.55	ug/L	0.00
21) 2-Butanone-d5	3.920	46	41276	8.85	ug/L	0.03
24) Chloroform-d	4.357	84	61841	4.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.042	65	39035	4.86	ug/L	0.00
32) Benzene-d6	5.058	84	112177	5.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	35442	5.49	ug/L	0.00
41) Toluene-d8	7.322	98	104616	5.44	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.630	79	15463	4.76	ug/L	0.00
47) 2-Hexanone-d5	8.100	63	22805	7.44	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.225	84	49452	5.56	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	46082	5.11	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	36430	5.37	ug/L	99
3) Chloromethane	1.241	50	42792	5.62	ug/L	99
5) Vinyl chloride	1.312	62	36190	5.22	ug/L	97
6) Bromomethane	1.524	94	20760	5.46	ug/L	95
8) Chloroethane	1.589	64	22913	5.28	ug/L	97
9) Trichlorofluoromethane	1.756	101	54590	5.40	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	29193	6.13	ug/L	95
12) 1,1-Dichloroethene	2.119	96	26136	5.78	ug/L	82
13) Acetone	2.190	43	30785	14.05	ug/L	98
14) Carbon disulfide	2.296	76	79990	6.41	ug/L	99
15) Methyl Acetate	2.444	43	31774	6.06	ug/L	99
16) Methylene chloride	2.512	84	33372	6.31	ug/L	92
17) trans-1,2-Dichloroethene	2.766	96	30019	5.67	ug/L	93
18) Methyl tert-butyl Ether	2.772	73	94438	5.64	ug/L	98
19) 1,1-Dichloroethane	3.196	63	57510	5.18	ug/L	99
20) cis-1,2-Dichloroethene	3.920	96	32508	5.01	ug/L	99
22) 2-Butanone	4.003	43	40852m	8.79	ug/L	
23) Bromochloromethane	4.257	128	18572	5.35	ug/L	91
25) Chloroform	4.380	83	61397	5.32	ug/L	96
27) 1,2-Dichloroethane	5.142	62	46812	5.02	ug/L	96
29) Cyclohexane	4.682	56	47906	5.96	ug/L	99
30) 1,1,1-Trichloroethane	4.614	97	53350	6.06	ug/L	98
31) Carbon tetrachloride	4.830	117	45032	5.87	ug/L	98
33) Benzene	5.106	78	124565	5.92	ug/L	100
34) Trichloroethene	5.923	95	34094	6.09	ug/L	99
35) Methylcyclohexane	6.138	83	48296	5.79	ug/L	96
37) 1,2-Dichloropropane	6.180	63	33541	6.09	ug/L	97
38) Bromodichloromethane	6.518	83	41900	5.61	ug/L	99
39) cis-1,3-Dichloropropene	7.035	75	43417	4.94	ug/L	100
40) 4-Methyl-2-pentanone	7.235	43	86494	10.76	ug/L	98
42) Toluene	7.396	91	129313	5.70	ug/L	98
44) trans-1,3-Dichloropropene	7.659	75	39230	4.62	ug/L	98

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45) 1,1,2-Trichloroethane	7.846	97	28017	5.11	ug/L	97
46) Tetrachloroethene	7.981	164	25739	5.44	ug/L	96
48) 2-Hexanone	8.148	43	45624	7.33	ug/L	93
49) Dibromochloromethane	8.251	129	28855	4.66	ug/L	99
50) 1,2-Dibromoethane	8.360	107	28879	4.87	ug/L #	96
51) Chlorobenzene	8.887	112	78947	5.23	ug/L	97
52) Ethylbenzene	9.019	91	125458	4.91	ug/L	99
53) m,p-Xylene	9.145	106	49683	5.12	ug/L	89
54) o-Xylene	9.550	106	49091	5.21	ug/L	96
55) Styrene	9.569	104	81931	4.86	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.248	83	49719	5.76	ug/L	95
59) Bromoform	9.740	173	24223	4.71	ug/L #	96
60) Isopropylbenzene	9.939	105	132274	5.41	ug/L	99
61) 1,2,3-Trichloropropane	10.283	75	40963	5.38	ug/L	97
62) 1,3,5-Trimethylbenzene	10.547	105	116917	5.46	ug/L	98
63) 1,2,4-Trimethylbenzene	10.923	105	118851	5.35	ug/L	97
64) 1,3-Dichlorobenzene	11.190	146	73723	5.33	ug/L	98
65) 1,4-Dichlorobenzene	11.280	146	78375	5.56	ug/L	96
67) 1,2-Dichlorobenzene	11.653	146	75160	5.44	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.437	75	11684	4.95	ug/L	88
69) 1,3,5-Trichlorobenzene	12.656	180	60128	5.25	ug/L	95
70) 1,2,4-trichlorobenzene	13.270	180	55009	5.13	ug/L	98
71) Naphthalene	13.511	128	144949	4.53	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	54246	5.11	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

